

Recombinant Mouse Arfp2 Protein, Myc/DDK-tagged

Cat. No. Arfp2-1676M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length ADP-ribosylation factor interacting protein 2 (Arfp2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays a role in constitutive metalloproteinase (MMP) secretion from the trans Golgi network. May have important functions during vesicle biogenesis at certain cargo subdomains, which could be predominantly utilized by secreted MMPs, such as MMP7 and MMP2. Participates also in autophagy by regulating the starvation-dependent trafficking of ATG9A vesicles which deliver the PI4-kinase to the autophagosome initiation site. In addition, plays a role in NF-kappa-B inhibition by interacting with IKBKB and IKBKG.
Molecular Mass	37.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Arfp2 ADP-ribosylation factor interacting protein 2 [Mus musculus (house mouse)]
Official Symbol	Arfp2
Synonyms	ARFIP2; ADP-ribosylation factor interacting protein 2; arfaptin-2; Arfaptin 2; partner of RAC1; ADP-ribosylation factor-interacting protein 2; POR; Por1; 2310002N04Rik
Gene ID	76932
mRNA Refseq	NM_029802
Protein Refseq	NP_084078
UniProt ID	Q8K221

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